

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Canceled)

2. (Currently Amended) A stent graft, comprising an endoluminal stent and a graft, wherein when implanted into a blood vessel, said stent graft induces or accelerates an *in vivo* fibrotic reaction causing said stent graft to adhere to vessel walls at a tissue in the vicinity of the stent graft.

3. (Currently Amended) The stent graft according to claim 1-~~or~~-2 wherein said stent graft releases comprises a vessel wall irritant.

4. (Original) The stent graft according to claim 3 wherein said vessel wall irritant is selected from the group consisting of talcum powder, metallic beryllium, and silica.

5. (Currently Amended) The stent graft according to claim 1-~~or~~-2 wherein said stent graft releases a component of extracellular matrix.

6. (Currently Amended) The stent graft according to claim 2-~~1~~ wherein said agent is stent graft releases fibronectin.

7. (Currently Amended) The stent graft according to claim 1-~~or~~-2 wherein said stent graft releases polylysine or ethylenevinylacetate.

8.-10. (Canceled)

11. (Currently amended) The stent graft according to claim 1 or 2 or claim 3 wherein said stent graft is bifurcated.

12. (Currently amended) The stent graft according to claim 1 or 2 or claim 3 wherein said stent graft is a tube graft.

13. (Original) The stent graft according to claim 12 wherein said stent graft is cylindrical.

14. (Currently amended) The stent graft according to claim 1 or 2 or claim 3 wherein said stent graft is self-expandable.

15. (Currently amended) The stent graft according to claim 1 or 2 or claim 3 wherein said stent graft is balloon-expandable.

16. (Currently amended) The stent graft according to claim 1 or 2 wherein the distal ends of said stent graft are adapted to release an agent which induces adhesion that induces or accelerates the *in vivo* fibrotic reaction at the tissue in the vicinity of the stent graft.

17. (Currently amended) The stent graft according to claim 1 or 2 wherein the entire body of said stent graft is adapted to release an agent that induces adhesion or accelerates the *in vivo* fibrotic reaction at the tissue in the vicinity of the stent graft.

18. (Currently amended) The stent graft according to claim 1 or 2 or claim 3, further comprising a coating which delays the onset of adhesion or fibrosis the *in vivo* fibrotic reaction.

19. (Currently amended) The stent graft according to claim 1 or 2 wherein the stent graft comprises an said agent that is first activated from a previously inactive agent to an

active agent form, and wherein the activated agent induces or accelerates the *in vivo* fibrotic reaction at the tissue in the vicinity of the stent graft.

20. (Currently amended) The stent graft according to claim 1-2 wherein said stent graft is activated from a previously inactive stent graft to a stent graft that induces or accelerates the an-*in vivo* fibrotic reaction at the tissue in the vicinity of the stent graft.

21. - 29. (Canceled)

30. (Currently amended) A method of manufacturing an adhesive a fibrotic response-inducing or accelerating stent graft, comprising coating a stent graft with an agent which induces adhesion of the stent graft to vessel walls that induces or accelerates an in vivo fibrotic reaction at the tissue in the vicinity of the stent graft when the stent graft is implanted into a blood vessel.

31. (Original) The method according to claim 30 wherein said stent graft is coated by spraying, dipping, or wrapping said stent graft with said agent.

32. (Currently amended) The method according to claim 30 wherein said stent graft comprises a coating, and wherein said coating further comprises a polymer.

33. (Original) The method according to claim 30 wherein said agent is a vessel wall irritant.

34. (Canceled)

35. (Currently Amended) The method according to claim 330 wherein said agent is an inflammatory crystal vessel wall irritant is selected from the group consisting of talcum powder, metallic beryllium, and silica.

36. (Canceled)

37. (Previously Presented) The stent graft according to claim 18 wherein said coating comprises a polymer.

38.-43. (Canceled)

44. (Withdrawn) A method for treating patients having an aneurysm, comprising delivering to a patient a stent graft according to claim 1 or 2, such that risk of rupture of the aneurysm is reduced.

45. (Withdrawn) The method according to claim 44 wherein said stent graft comprises a vessel wall irritant.

46. (Withdrawn) The method according to claim 44 wherein the entire body of said stent graft is adapted to induce adhesion release an agent that induces or accelerates the in vivo fibrotic reaction at the tissue in the vicinity of the stent graft.

47. (Withdrawn) The method according to claim 44 or claim 45 wherein said aneurysm is an abdominal aortic aneurysm.

48. (Withdrawn) The method according to claim 44 or claim 45 wherein said aneurysm is a thoracic aortic aneurysm.

49. (Withdrawn) The method according to claim 44 or claim 45 wherein said aneurysm is an iliac aortic aneurysm.

50. (Withdrawn) A method for bypassing disease within a vessel, comprising delivering to a patient a stent graft according to claim 1 or 2 or claim 3, such that the vessel contents bypass a diseased portion of said vessel.

51. (Withdrawn) A method for creating communication between an artery and a vein, comprising delivering to a patient a stent graft according to claim 1 or 2 or claim 3, such that a passageway is created between said artery and vein.

52. (Withdrawn) A method for creating communication between a first vein and a second vein, comprising delivering to a patient a stent graft according to claim 1 or 2 or claim 3, such that a passageway is created between said first and second veins.

53. (Withdrawn) The method according to claim 44 wherein said stent graft is delivered into a patient in a constrained form, and self-expands into place after release of a constraining device.

54. (Withdrawn) The method according to claim 44 wherein said stent graft is delivered to said patient by balloon catheter.

55. (New) The stent graft according to claim 2 or claim 3 wherein the stent graft releases a crystalline silicate or quartz dust.

56. (New) The stent graft according to claim 2 or claim 3, wherein the stent graft comprises a coating, and wherein the coating comprises a polymer.